



CDF Operations

Steve Hahn

November 8, 2004

All Experimenters' Meeting



Schedule

- ☞ Monday, October 25:
 - West endplug in
 - NW central arch in; NE central arch out (last of the CPR/CCR work to be done)
- ☞ Tuesday, October 26:
 - West muon wall closed
 - Start west low β quad support installation
- ☞ Wednesday, October 27:
 - MG3 (silicon and muon systems) maintenance done
 - West low β quad support installation done
- ☞ Friday, October 28:
 - Load low β quad support; remove load from Invar bars to ceiling
 - ➔ Initial results promising—12 Hz oscillation and response to trucks mostly gone
 - ➔ Still need to watch for long-term drifts
- ☞ Wednesday, November 3:
 - CPR/CCR installation done; light leak search in progress
 - **Trauma:** water level leak into BSW rack
 - ➔ b0cot06—COT crate
 - ➔ b0cot07—COT crate
 - ➔ b0wcal02—Endwall calorimetry crate



Schedule

- ☛ Monday, November 8:
 - All BSW crates and power supplies replaced
 - Close NE arch; CPR/CCR work done, but for final checkout
 - Start BMU Ar/ethane & checklist for Ar/ethane in COT
- ☛ Tuesday, November 9:
 - Start solenoid checkout
 - Close north muon wall and east muon wall
 - Move forklift and support to east side
 - Start east low β quad support installation
- ☛ Wednesday, November 10:
 - BSW crates filled with washed cards and checkout started
 - East low β quad support loading, Invar bar removal, and alignment
 - All CA keys back for power supply checkout
- ☛ Thursday, November 11:
 - Main CDF fileserver restored to normal operation with more RAID array storage
- ☛ Friday, November 12:
 - All CA keys back for interlock tests until 1600 Saturday
- ☛ Monday, November 15
 - Solenoid field on? 24/7 gas/cryo tech coverage begins
 - First COT Ar/ethane checkout, then COT Ar/CO₂ field on tests with no beam



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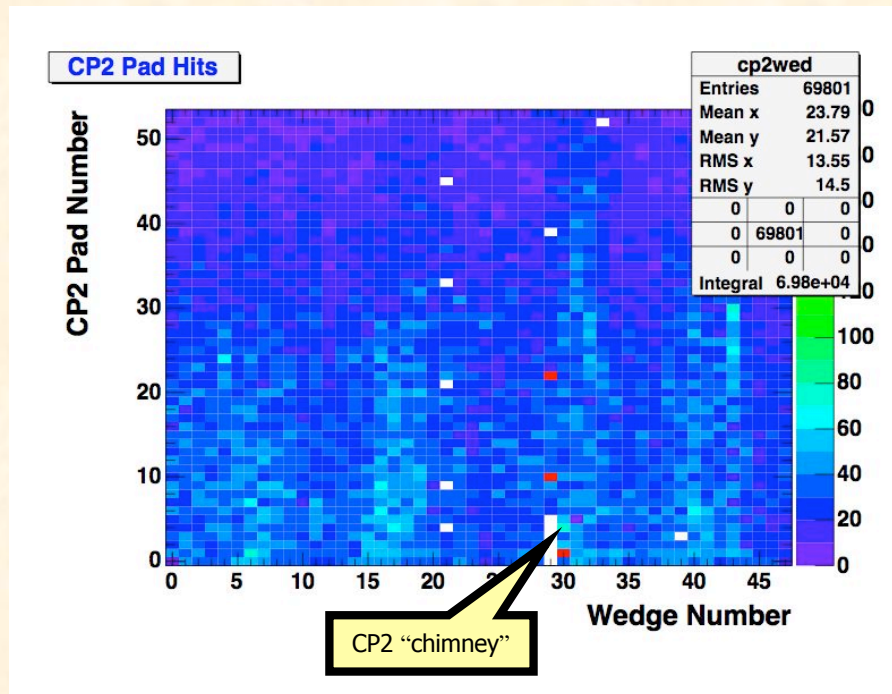
Last week



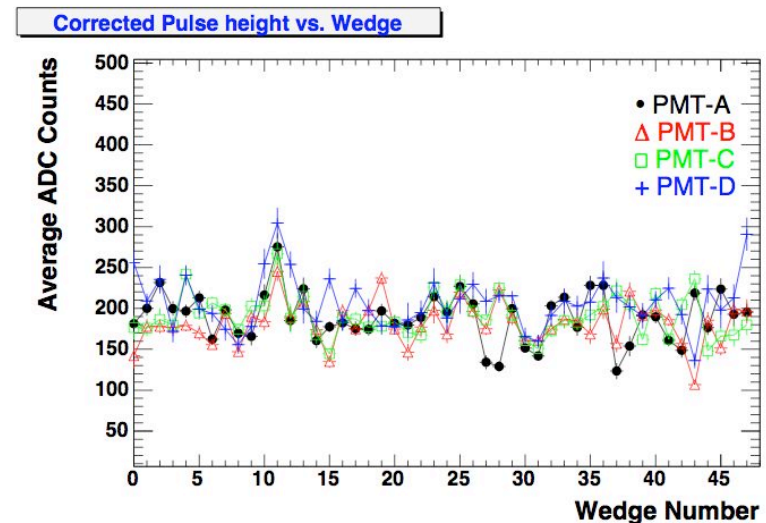
This week-no Invar to walls



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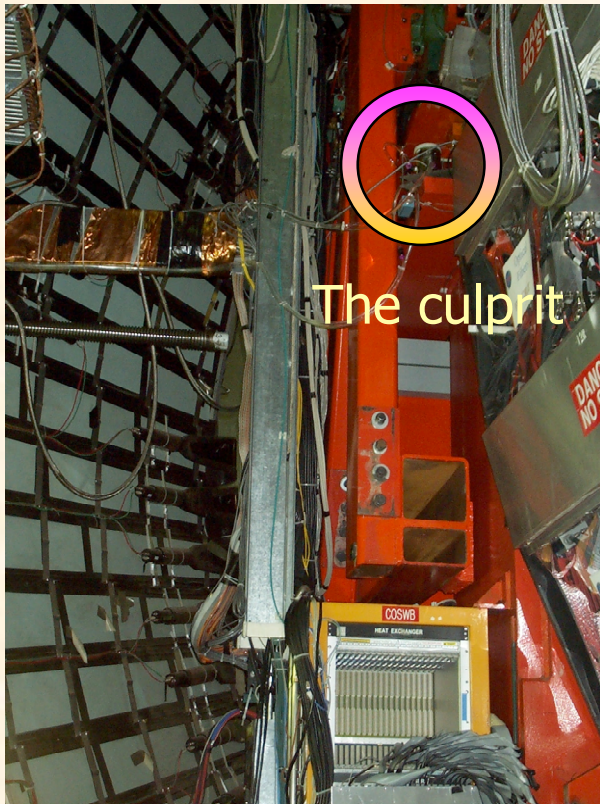
CP2 cosmics response



CP2 pulse height corrected for tile and PMT response



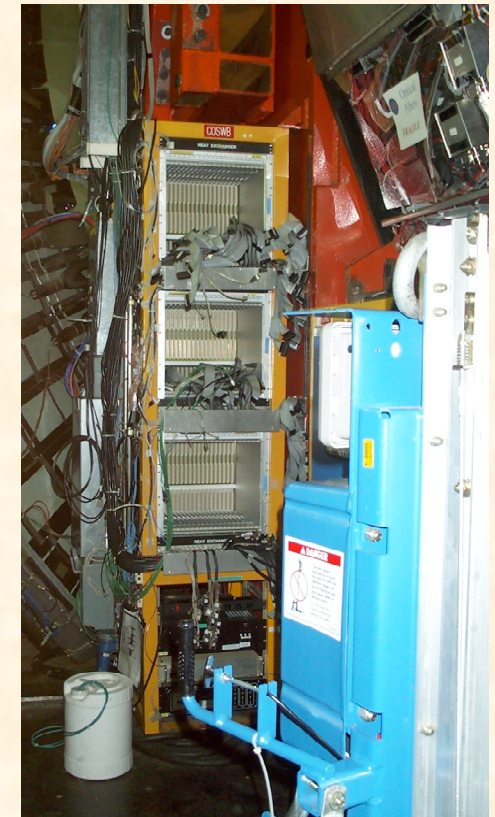
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Water level tied to central detector to measure low β quad elevation; piping to wall being replaced with copper tubing and pressure tested



Drying station for cleaned cards, after washing with deionized water and drying with N_2 (thanks, Bob deMaat and Peter Wilson!)



Replaced crates, backplanes, and power supplies